

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) An object integrated management system that manages real data managed by data management systems in an integrated manner, comprising:

a repository that stores virtual objects respectively created correspondingly to real data each of which exists in different data management systems, virtual object metamodels defining the virtual objects, adapter objects having configuration information of said data management systems and a function of access processing for real data stored in said data management systems, and adapter object metamodels defining said adapter objects, a first relation being defined between the adapter object and a corresponding set of the virtual objects and a second relation being defined between the adapter object metamodel and the corresponding virtual object metamodel;

a metamodel management part that manages said virtual object metamodels and said adapter object metamodels within said repository and sets the second relations; and

an object management part that manages said virtual objects and said adapter objects, sets the first relations, and uses said adapter objects to access real data.

2. - 4. (canceled)

5. (currently amended) An object integrated management system that manages the respective real data of plural data management systems managing real data in an integrated manner, comprising:

a repository that stores virtual objects respectively created correspondingly to real data ~~for a certain data management system~~each of which exists in different data management systems, a virtual object metamodel defining the virtual objects, an adapter object having configuration information of said data management system and a function of access processing for real data stored in said data management system, and an adapter object metamodel defining said adapter object, a first relation being defined between the adapter object and a corresponding set of the virtual objects and a second relation being defined between the adapter object metamodel and the corresponding virtual object metamodel;

a metamodel management part that manages said virtual object metamodel and said adapter object metamodel within said repository and sets the second relation; and

an object management part that manages said virtual objects and said adapter object, sets the first relation, and uses said adapter object to access real data, wherein:

upon receipt of a request to add a new data management system for integrated management system, said metamodel management part stores a virtual

object metamodel and an adapter object metamodel corresponding to the new data management system in said repository; ~~relations are defined among virtual object metamodels and among adapter metamodels; and~~ and after the second relation is set between the virtual object metamodel and the adapter object metamodel, virtual objects and adapter objects are formed as the respective instances of said virtual object metamodel and adapter object metamodel newly stored in the repository.

6. (canceled)

7. (new) An object integrated management system that manages real data managed by data management systems in an integrated manner, comprising:

a repository that stores virtual objects respectively created correspondingly to real data each of which exists in different data management systems, virtual object metamodels defining the virtual objects, adapter objects having configuration information of said data management systems and a function of access processing for real data stored in said data management systems, and adapter object metamodels defining said adapter objects, a first relation being defined between the adapter object and a corresponding set of the virtual objects and a second relation being defined between the adapter object metamodel and the corresponding virtual object metamodel;

a metamodel management part that manages said virtual object metamodels and said adapter object metamodels within said repository and sets the second relations; and

an object management part that manages said virtual objects and said adapter objects and sets the first relations, and uses said adapter objects to access real data, wherein

upon receipt of a request to refer to a virtual object, said object management part obtains the requested virtual object from said repository, obtains an adapter object associated with the requested virtual object, and uses the obtained adapter object to refer to the value of real data.